

**WHAT IS CLAIMED IS:**

1. A cook fan to prevent boiling over in a cooking container comprising:  
a base that attaches to the cooking container;  
a fan attached to the base wherein the fan further comprises a motor and blades  
5 attached to the motor.
2. The cook fan of claim 1, wherein the base clamps to the cooking container.
3. The cook fan of claim 2, wherein the base is spring loaded to clamp the cooking  
10 container.
4. The cook fan of claim 2, wherein the base clamps to the container using a screw  
mechanism.
- 15 5. The cook fan of claim 1, wherein the base slides onto and engages the edge of the  
cooking container.
6. The cook fan of claim 1, wherein the base is magnetic that magnetically connects the  
base to a magnetic cooking container.
- 20 7. The cook fan of claim 1, wherein the base is made of a material able to withstand  
temperatures greater than 200° F.

8. The cook fan of claim 1, wherein the fan and the base are attached to allow the position of the fan to be adjusted.

9. The cook fan of claim 1, further comprising a goose neck that attaches the fan to the  
5 base.

10. The cook fan of claim 1, further comprising a support connecting the base to the fan, wherein the support includes a latch and holes wherein the latch is placed in one of the holes to thereby adjust the position of the fan.

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11. The cook fan of claim 1, further comprising a support connecting the base to the fan, wherein the support is adjustable in angle to thereby adjust the position of the fan.

13. The cook fan of claim 1, wherein the fan is battery operated.

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14. The cook fan of claim 13, wherein the battery is a rechargeable battery.

15. The cook fan of claim 1, wherein the fan further comprises a cord that provides electrical power to the fan.

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16. The cook fan of claim 1, wherein the cord supplies power to recharge rechargeable batteries that drive the motor.

17. A cook fan to prevent boiling over in a cooking container comprising:  
a base that allows the cook fan to be placed near the cooking container;  
a fan attached wherein the fan further comprises a motor and blades attached to the  
motor; and

5 a connector member attached to the base and the fan, wherein the connector member  
allows the position of the fan to be adjusted.

18. The cook fan of claim 17, wherein the base is magnetic.

10 19. The cook fan of claim 17, wherein the base is heavy and compact to prevent to fan  
from tipping over.

20. The cook fan of claim 17, wherein the fan is battery operated.

15 21. The cook fan of claim 20, wherein the battery is a rechargeable battery.

22. The cook fan of claim 17, wherein the fan further comprises a cord that provides  
electrical power to the fan.

20 23. The cook fan of claim 17, wherein the cord supplies power to recharge rechargeable  
batteries that drive the motor.

24. A method of cooking using a boiling liquid and a cooking fan comprising:

a placing a cooking liquid in a cooking container;  
heating the cooking container;  
blowing air over a surface of the cooking liquid using a cook fan;  
adding food to be cooked to the cooking liquid.

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25. The method of claim 24, wherein the cooking liquid is water.

26. The method of claim 25, wherein the food is pasta.

10 27. The method of claim 24, wherein the cook fan has a base.

28. The method of claim 27, wherein the base is magnetic.

29. The method of claim 27, wherein the base is a clamp.

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30. The method of claim 27, wherein the base attaches to the cooking container.

31. The method of claim 24, wherein the cook fan is battery operated.

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